SPEC CINT95rate Results

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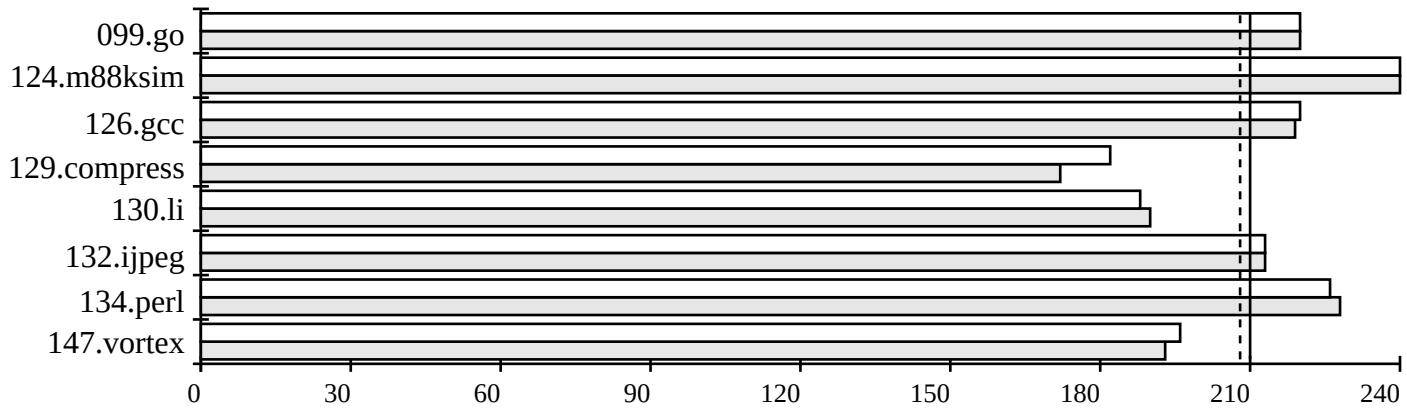
KryoTech/DIGITAL 767 Personal Supercomputer

SPECint_rate95 = 210

SPECint_rate_base95 = 208

SPEC license # 2	Tested By: Digital NH	Test Date: Apr-98	Hardware Avail: Jun-98	Software Avail: Dec-97



Hardware/Software Configuration for:
767 Personal Supercomputer

Hardware

Model Name:	KryoTech/DIGITAL 767 Personal Supercomputer
CPU:	767 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB (I+D) on chip
Other Cache:	4MB (I+D) off chip
Memory:	768MB
Disk Subsystem:	1x2GB
Other Hardware:	Ethernet

Software

Operating System:	Windows NT V4.00.1381
Compiler:	Visual C++ V5.0 SPIKE 1.1 (build 186)
File System:	NTFS
System State:	Default

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	188	220	1	188	220
124.m88ksim	1	71.2	240	1	71	240
126.gcc	1	69.7	219	1	70	220
129.compress	1	94.3	172	1	89	182
130.li	1	89.8	190	1	91	188
132.ijpeg	1	102	213	1	101	213
134.perl	1	74.9	228	1	76	226
147.vortex	1	126	193	1	124	196
SPECint_rate_base95 (G. Mean)			208			
		SPECint_rate95 (G. Mean)				210

Notes/Tuning Information

```
Compiler: scc    Baseline: -arch:ev56 -fast -profile_accuracy:low *spk

go: same as baseline
gcc, m88ksim, perl, vortex: same as baseline plus -QAgq
compress: -arch:ev56 -Ox -Gs -Ob4
li, ijpeg: same as baseline plus -Gs

*spk means spike feedback:
PASS1 = -Bd -prof_gen_spike -prof_dir:c:\tmp\prof
PASS2 = -Bd -prof_use_spike -prof_dir:c:\tmp\prof

Portability:  m88ksim: -DLEHOST -DNT getopt.obj li: setargv.obj ijpeg:-DMSDOS
perl:-DI_TIME -DMSDOS -D__STDC__=0 gcc: EXTRA_CFLAGS = -w -D__TURBOC__-D_MSDOS
-D__STDC__=0 -DONLY_INT_FIELDS=0 -Dalloca=_alloca -DDeleteFile=unlink
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --